

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020322\
 Data File : VW022065.D
 Acq On : 03 Feb 2022 09:37
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025554

Quant Time: Feb 04 00:57:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 03 01:57:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	165418	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	152875	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	82996	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	48368	24.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.080%
7) Chloroethane-d5	2.879	69	39444	25.714	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.840%
11) 1,1-Dichloroethene-d2	4.019	63	76479	21.725	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.880%
21) 2-Butanone-d5	7.080	46	16623	47.036	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.080%
24) Chloroform-d	7.647	84	88843	23.085	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.320%
26) 1,2-Dichloroethane-d4	8.305	65	44150	23.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.240%
32) Benzene-d6	8.275	84	174612	22.602	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	9.274	67	46427	22.094	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.360%
41) Toluene-d8	10.323	98	171822	22.441	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.760%
43) trans-1,3-Dichloroprop...	10.579	79	20425	22.193	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.760%
47) 2-Hexanone-d5	10.921	63	15697	51.380	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.760%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	40138	23.420	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	66533	22.222	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11323	29.387	ug/L	95
3) Chloromethane	2.215	50	43590	25.074	ug/L	96
5) Vinyl chloride	2.361	62	60534	24.244	ug/L	99
6) Bromomethane	2.776	94	50049	23.573	ug/L	97
8) Chloroethane	2.916	64	33390	26.024	ug/L	98
9) Trichlorofluoromethane	3.257	101	40437	21.453	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	46744	23.406	ug/L #	64
12) 1,1-Dichloroethene	4.038	96	43319	23.504	ug/L	93
13) Acetone	4.141	43	16759	50.775	ug/L	98
14) Carbon disulfide	4.379	76	120560	22.426	ug/L	100
15) Methyl Acetate	4.672	43	13853	22.951	ug/L #	84
16) Methylene chloride	4.915	84	42847	22.229	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	46863	22.802	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	60942	23.126	ug/L	99
19) 1,1-Dichloroethane	6.214	63	73870	23.199	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	49711	23.571	ug/L	100
22) 2-Butanone	7.177	43	22283	52.142	ug/L	73
23) Bromochloromethane	7.519	128	23788	22.906	ug/L	90
25) Chloroform	7.677	83	86099	23.888	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	51409	24.231	ug/L	96
29) Cyclohexane	7.952	56	69535	23.171	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	75043	22.181	ug/L	98
31) Carbon tetrachloride	8.067	117	73388	22.162	ug/L	96
33) Benzene	8.323	78	181730	22.673	ug/L	100
34) Trichloroethene	9.092	95	51475	22.588	ug/L	92
35) Methylcyclohexane	9.335	83	87491	22.756	ug/L	99
37) 1,2-Dichloropropane	9.366	63	40487	22.998	ug/L	98
38) Bromodichloromethane	9.646	83	58488	23.264	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	67074	23.755	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	44575	51.608	ug/L	98
42) Toluene	10.384	91	214488	23.607	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	59023	24.249	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	34461	23.031	ug/L	96
46) Tetrachloroethene	10.860	164	45827	21.574	ug/L	98
48) 2-Hexanone	10.963	43	34006	52.896	ug/L	97
49) Dibromochloromethane	11.128	129	45301	24.042	ug/L	93
50) 1,2-Dibromoethane	11.231	107	34676	23.407	ug/L	95
51) Chlorobenzene	11.652	112	141155	22.828	ug/L	97
52) Ethylbenzene	11.725	91	234472	23.390	ug/L	100
53) m,p-Xylene	11.835	106	98231	23.618	ug/L	99
54) o-Xylene	12.164	106	91003	23.390	ug/L	100
55) Styrene	12.176	104	153261	24.386	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	39581	24.303	ug/L	94
59) Bromoform	12.347	173	24593	22.436	ug/L #	95
60) Isopropylbenzene	12.463	105	249959	23.051	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	28445	23.526	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	170019	23.641	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	210359	24.008	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	118057	22.724	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	117759	22.644	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	103305	22.372	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	5582	22.692	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	83465	22.345	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	64317	21.678	ug/L	96
71) Naphthalene	15.359	128	115974	23.958	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	55508	21.889	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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